

Amendments to the Specification:

Please add the following new headings and paragraph after the Title.

CROSS-REFERENCE TO RELATED APPLICATION

This application is a U.S. National Stage application of PCT Application No. PCT/AT 2004/000277, filed August 5, 2004, which claims priority from Austrian Application No. A 1240/2003, filed on August 5, 2003.

FIELD OF THE INVENTION

Please add the following new heading prior to line 15 on page 1.

BACKGROUND OF THE INVENTION

Please add the following new heading prior to line 27 on page 3.

BRIEF SUMMARY OF THE INVENTION

Please amend the paragraph starting on line 27 of page 3 as follows:

| One object-exemplary embodiment of the present invention ~~is to create~~provides a combinational switching circuit which is suitable for a broad range of input voltages and yet has low losses during the generation of the auxiliary supply voltage for the control circuit.

Please amend the paragraph starting on line 30 of page 3 as follows:

| This object-is accomplished with a switching converter of the type mentioned in the introduction, in which the off-state voltage of an auxiliary winding, which is rectified by means of a rectifier, is sent according to the present invention additionally to the control circuit for power supply, wherein the rectified off-state voltage is used during the operation to supply the control circuit as long as it has a sufficient voltage level.

Please amend the paragraph starting on line 4 of page 4 as follows:

In a switching converter according to the present invention, the control circuit AST is supplied in normal operation utilizing the rectified off-state voltage, so that no current flows through the series regulator. This regulator becomes active only when the voltage drops greatly at the output, e.g., in case of short-circuit or during the run-up phase. It shall be summed up here that a total of three voltage supplies are present according to the present invention for the control circuit, namely, first, a supply voltage that is derived from the high input voltage via a resistor with high ohmic resistance and is used to start the control circuit; second, a supply voltage that is derived from the forward voltage of an auxiliary winding and supplies the control circuit during normal operation, and, third, a supply voltage that is derived from an off-state voltage of an auxiliary winding and is then used when the output is short-circuited or is overloaded.

Please add the following new heading prior to line 3 of page 5.

BRIEF DESCRIPTION OF THE DRAWINGS

Please amend the description of the drawings starting on line 6 of page 5 as follows:

- Figure 1 shows the circuit diagram of a switching converter according to the state of the art;
- Figure 2 shows a first embodiment of a switching converter according to the present invention with an additional auxiliary winding; and
- Figure 3 shows another embodiment of the present invention with a single auxiliary winding.

Please add the following new heading prior to line 15 of page 5.

DETAILED DESCRIPTION OF THE INVENTION

Please add the following paragraph at the end of page 6:

Although the invention is illustrated and described herein with reference to a specific embodiment, the invention is not intended to be limited to the details shown. Rather, various modifications may be made in the details within the scope and range of equivalents of the claims and without departing from the invention.